

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BENZOIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Acacia farnesiana</i>	Flower				--
<i>Acacia farnesiana</i>	Plant				--
<i>Albizia lebbeck</i>	Flower				Wealth of India.
<i>Arisaema consanguineum</i>	Rhizome				--
<i>Aspalathus linearis</i>	Shoot				--
<i>Caesalpinia pulcherrima</i>	Leaf				--
<i>Camellia sinensis</i>	Leaf				--
<i>Cananga odorata</i>	Flower				--
<i>Centaurea cyanus</i>	Flower				Jim Duke's personal files.
<i>Ceratonia siliqua</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Chrysanthemum x morifolium</i>	Flower				Wealth of India.
<i>Cinnamomum aromaticum</i>	Bark				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Citrus aurantium</i>	Plant				--
<i>Cnicus benedictus</i>	Plant				Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft mbH Stuttgart. 393 pp.
<i>Colchicum autumnale</i>	Tuber				--
<i>Daemonorops draco</i>	Fruit				--
<i>Daphne genkwa</i>	Flower				--
<i>Digitalis purpurea</i>	Leaf				--
<i>Ephedra sinica</i>	Shoot				--
<i>Foeniculum vulgare</i>	Seed				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Foeniculum vulgare</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ginkgo biloba	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Gloriosa superba	Bulb				--
Glycyrrhiza glabra	Root Essent. Oil				--
Glycyrrhiza glabra	Root				--
Hyacinthus orientalis	Flower				--
Iris x germanica	Rhizome				--
Jasminum officinale	Flower				--
Juniperus communis	Leaf				--
Levisticum officinale	Root				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Ligustrum japonicum	Flower				--
Malus domestica	Plant				--
Malus domestica	Leaf	98.0	710.0	1.3479809099758226	--
Melia azedarach	Root				--
Mentha x piperita	Leaf	0.02	0.2	-1.0444099465857013	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Morinda citrifolia	Fruit		8.0	-0.6617033802131775	--
Myroxylon balsamum	Gum				--
Narcissus tazetta	Flower				--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum gratissimum	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Olea europaea	Fruit				--
Paeonia moutan	Root Bark				--
Paeonia suffruticosa	Root Bark				Chemical Constituents of Oriental Herbs (3 diff. books)

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Paeonia lactiflora</i>	Root		11000.0	1.0000000000000002	Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Paeonia officinalis</i>	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Panax quinquefolius</i>	Plant				--
<i>Petiveria alliacea</i>	Root				Tramil
<i>Phaseolus vulgaris</i>	Root		0.2	-0.999999999999999	--
<i>Phoenix dactylifera</i>	Stem				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Pinus sylvestris</i>	Leaf				--
<i>Piper nigrum</i>	Fruit				--
<i>Piper auritum</i>	Leaf				Tramil
<i>Piper methysticum</i>	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Piper methysticum</i>	Rhizome				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<i>Plantago major</i>	Leaf				--
<i>Polypodium vulgare</i>	Root				--
<i>Pteridium aquilinum</i>	Plant				--
<i>Pueraria montana</i>	Fruit Essent. Oil				--
<i>Rubus idaeus</i>	Plant				--
<i>Scutellaria baicalensis</i>	Root Essent. Oil				--
<i>Scutellaria baicalensis</i>	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Styrax tonkinensis</i>	Resin, Exudate, Sap	110000.0	200000.0		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Styrax benzoin</i>	Resin, Exudate, Sap				--
<i>Taxus baccata</i>	Leaf	4.0	220.0	-0.30357096339012085	--
<i>Vaccinium macrocarpon</i>	Fruit		124.0	-0.45674318767718664	--
<i>Vaccinium vitis-idaea</i>	Fruit		1360.0	1.7271430017580267	--
<i>Vaccinium myrtillus</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Vanilla planifolia</i>	Fruit		38.0	-0.6086964338676627	--
<i>Vetiveria zizanioides</i>	Root				--
<i>Vitis vinifera</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.